



MATERIAL SAFETY DATA SHEET
(Compliant to CE n° 830/2015 regulation)

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY UNDERTAKING

1.1. Product identifier

Substance: IP Tarus Turbo Extra 15W/40

1.2. Relevant identified uses of the substance or mixture and uses advised against

Uses identified in the Chemical Safety Report: Lubricant for diesel engines

1.3. Details of the supplier of the safety data sheet

Company Name : api anonima petroli italiana S.p.A.

Address: Via Salaria 1322

City / Country: 00138 Roma – ITALY

Telephone: +39 06 8493 1

E-mail: sicurezza@gruppoapi.com

1.4. Emergency telephone number

Niguarda Hospital Poison Control Center Tel +39 02 66101029 (24h)

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

This material is not considered to be hazardous according to regulatory guidelines (see (M)SDS Section 15).

2.1.1. Classification according to (CE) 1272/2008 (CLP Regulation)

Not classified

2.2. Label elements

Frases EUH

EUH208: Contains Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts .
May cause an allergic reaction

2.3. Other hazards

None

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable

3.2. Mixtures

Mixture of mineral base oils obtained from paraffinic hydrocarbons strictly solvent-based

Additives and performance enhancers

Classification according to (CE) 1272/2008 (CLP Regulation)

Name	Product Identifier	Concentration Range	Classification
Mineral oil*	(Numero CAS) *** (Numero CE) *** (Numero indice UE) *** (no. REACH) ***	79	Not classified
Mineral oil (additive)*	(Numero CAS) ** (Numero CE) ** (Numero indice UE) ** (no. REACH) **	4.7 – 5.9	Asp. Tox. 1; H304
Phosphorodithioic acid, mixed O,O-bis (1,3-dimethylbutyl and iso-Pr) esters, zinc salts	(Numero CAS) N/D (Numero CE) 283-392-8 (Numero indice UE) N/A (no. REACH) 01-2119493626-2	0.12 – 1.17	Eye Dam. 1; H318 Skin Corr. 2; H315 Aquatic Chronic 2; H411
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts	(Numero CAS) N/D (Numero CE) 274-263-7 (Numero indice UE) N/A (no. REACH) 01-2119492616-28	0.12 – 0.59	Skin Sens. 1B; H317



Reaction products of Benzeneamine, Nphenyl-with nonene (branched)	(Numero CAS) N/D (Numero CE) 253-249-4 (Numero indice UE) N/A (no. REACH) 01-2119488911-28	0.12 – 0.59	Aquatic Chronic 4; H413
Phenol, dodecyl-, branched	(Numero CAS) N/D (Numero CE) 310-154-3 (Numero indice UE) N/A (no. REACH) 01-2119513207-49	0.02 – 0.04	Eye Dam. 1; H318 Skin Corr. 1C; H314 Aquatic Chronic 1; H410 Aquatic Acute 1; H400

* This substance has exposure limits specified for the workplace

*** The mineral oil contained may be described by one or more of the following: EC No. 265-157-1, Registration No. 01-2119484627-25, Distillates (petroleum), hydrotreated heavy paraffinic; EC No. 265-169-7, Registration No 01-2119471299-27, Distillates (petroleum), solvent-dewaxed heavy paraffinic, EC No. 265-158-7, Registration No 01-2119487077-29, Distillates (petroleum), hydrotreated paraffinic light; CE N. 265-159-2, Registration No 01-2119480132-48, Distillates (petroleum), light paraffinic, solvent-dewaxed

** The contained mineral oil can be described by one or more of the following: CAS n ° 101316-72-7, CE n ° 309-877-7, n ° reg. 01-2119489969-06-0004 Lubricating oils (petroleum), C24-50, solvent-extd., Dewaxed, hydrogenated, CAS No. 94733-15-0, EC No. 305-594-8, Reg. No. 01-2119486987-11-0000 Lubricating oils (petroleum), C18-40, solvent-dewaxed based on hydrocracked distillate, CAS No. 101316-69-2, CE n ° 309-874-0, Reg. No. 01-211948694 8-13-0000 Oils lubricants (petroleum), C> 25, solvent-extd., deasphalate, dewaxed, hydrogenated, EC No. 649-453-00-1, Reg. no. 01-2119486951-26 Distillates (petroleum), heavy, hydro cracked, CAS n ° 72623-87-1, CE n ° 276-738-4, n ° reg. 01-2119474889-13-0004 Hydrocracked base oil C20-C50, CAS n ° 101316-72-7, CE n ° 309-877-7, n ° reg. 01-2119489969-06-0001 Hydrogenated lubricating oils (C20-C50), CAS n ° 101316-72-7, CE n ° 309-877-7, n ° reg. 01-2119489969-06 Lubricating oils extracted with solvent, dewaxed, hydrogenated (C24-C50), CAS No. 64742-01-4, CE No. 265-101-6, Reg. No. 01-2119488707-21 Refined oils with solvent
(For the Risk Phrase(s) see paragraph 16.2)

4. FIRST AID MEASURES

4.1. Description of first aid measures

Skin Contact:

Wash contact areas with soap and water. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury

Eye Contact:

Flush thoroughly with water. If irritation occurs, get medical assistance.

Ingestion:

First aid is normally not required. Seek medical attention if discomfort occurs

Inhalation:

Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.

4.1.1. Advice

- (a) immediate medical attention is required and if delayed effects can be expected after exposure;
- (b) movement of the exposed individual from the area to fresh air is recommended;
- (c) removal and handling of clothing and shoes from the individual is recommended; and
- (d) personal protective equipment for first aid responders is recommended.

4.2. Most important symptoms and effects, both acute and delayed

Not applicable

4.3. Indication of any immediate medical attention and special treatment needed

Depending on the degree of exposure, periodic medical examination is recommended

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

5.1.1. Suitable extinguishing media:

Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

5.1.2. Unsuitable extinguishing media

Straight streams of water

5.2. Special hazards arising from the substance or mixture



Avoid breathing fumes of combustion because, as a result of fire, may form carbon monoxide, CO₂, unburned hydrocarbons and other derivatives potentially dangerous.

5.3. Advice for firefighters

Wear personal protective clothing, complete with autobreathing.

(Refer to the Ministerial Decree of 05/02/2001)

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- (a) the wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing;
- (b) removal of ignition sources, provision of sufficient ventilation, control of dust; and
- (c) evacuation of the area.

6.1.2. For emergency responders

- (a) the wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing;
- (b) removal of ignition sources, provision of sufficient ventilation, control of dust; and

6.2. Environmental precautions

Keep the mixture away from ground, drains, surface and ground water.

If necessary, inform the Local Authorities (Fire Brigade, Police).

6.3. Methods and material for containment and cleaning up

6.3.1. Containment techniques

Contain the spilling of a considerable quantity of product .

Contain the spilling of small quantities of product with dirt, sand, or other inert absorbent means.

Cover the drains to prevent drain pollution.

Dispose according to the law in force.

6.3.2. Clean-up procedures

- Soil: contain spilled liquid with dirt, sand, or other suitable absorbents. Recover free liquid and waste materials in suitable waterproof and oil-resistant containers. Clean contaminated area. Dispose of according to local regulations.

- Water: Confine the spillage. Remove from surface by skimming or suitable absorbents. Collect recovered product and other waste materials in suitable waterproof, oil resistant containers. Recover or dispose of according to local regulations.

Do not use solvents or dispersants

6.3.3. Advice on inappropriate containment or clean-up techniques

Do not use water jets. They could cause splattering, and spread the fire.

6.4. Reference to other sections

Refer to Section 8.2.2 for the specification of Personal Protective Equipment.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

7.1.1. Recommendations

As general recommendations:

- (a) allow safe handling of the substance or mixture, such as containment and measures to prevent fire as well as aerosol and dust generation;
- (b) prevent handling of incompatible substances or mixtures; and
- (c) reduce the release of the substance or mixture to the environment, such as avoiding spills or keeping away from drains.

7.1.2. Advice on general occupational hygiene

- (a) Avoid direct contact with the product;
- (b) do not eat, drink and smoke in work areas;
- (c) wash hands after use; and
- (d) remove contaminated clothing and protective equipment before entering eating areas.



7.2. Conditions for safe storage, including any incompatibilities

Storage:

- (a) Keep the product in the original containers, store them so to ensure the control and the containment of possible spillings and leaks.
- (b) Store the containers in chilly and well-ventilated premises, far away from heat sources and/or the direct exposition to solar radiations.
- (c) Keep the containers well closed and in a vertical position.
- (d) Avoid the accumulation of electrostatic charges.
- (e) Storage temperature: ambient.

Handling:

- (a) Store and open the containers in well ventilated areas, do not breathe the vapours or mists, close the containers when they are not used, use suitable containers for the temporary storage;
- (b) Do not cut, weld, drill, burn or incinerate empty containers or drums, unless they have been cleaned, and declared safe.

7.3. Specific end use(s)

Not determined.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Use the product in well ventilated areas.

For the control of exposure to the product, the most relevant exposure limits are listed here.

Indice	Sostanza	Valore	Unità	Riferimento
TLV-TWA	(mineral oil mists)	5	mg/m ³	A.C.G.I.H.

If necessary, take into account the other I limits listed in the relevant workplace regulations, or in the ACGIH documents.

DNEL/DMEL (Workers)	
Long-term - systemic effects, inhalation	= 5,4 mg/m ³ /day (DNEL, Mineral base oil)
DNEL/DMEL (General population)	
Long-term - local effects, inhalation	= 1,2 mg/m ³ /day (DNEL, Mineral base oil)

Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters, zinc salts	
DNEL / DMEL (Workers)	
Long-term - systemic effects, cutaneous	12,1 mg/kg di body weight / day
Long-term - systemic effects, inhalation	8,31 mg/m ³
DNEL / DMEL (General population)	
Long-term - systemic effects, oral	0,24 mg/kg body weight / day
Long-term - systemic effects, inhalation	2,11 mg/m ³
Long-term - systemic effects, cutaneous	6,1 mg/kg body weight / day
PNEC (water)	
PNEC water (fresh water)	0,004 mg/l
PNEC water (sea water)	0,0046 mg/l
PNEC (Soil)	
PNEC Soil	0,0548 mg/kg dwt

Phenol, dodecyl-, branched	
DNEL / DMEL (Workers)	
Acute - systemic effects, cutaneous	80 mg/kg body weight / day (DNEL)
Acute - systemic effects, inhalation	6,68 mg/m ³ (DNEL)
Long-term - systemic effects, cutaneous	1,04 mg/kg body weight / day (DNEL)
Long-term - systemic effects, inhalation	3,526 mg/m ³ (DNEL)
DNEL / DMEL (General population)	



Acute - systemic effects, cutaneous	40 mg/kg body weight (DNEL)
Acute - systemic effects, inhalation	66,8 mg/m ³ (DNEL)
Acute - systemic effects, oral	25 mg/kg body weight (DNEL)
Long-term - systemic effects, orale	0,25 mg/kg body weight / day (DNEL)
Long-term - systemic effects, inhalation	0,87 mg/m ³ (DNEL)
Long-term - systemic effects, cutaneous	0,52 mg/kg body weight / day (DNEL)
PNEC (water)	
PNEC water (fresh water)	0,25 mg/l
PNEC water (sea water)	0,024 mg/l
PNEC water (intermittent, fresh water)	2,5 mg/l
PNEC (sedimenti)	
Sedimenti (fresh water)	545,4 mg/kg dwt
Sedimento (sea water)	54,54 mg/kg dwt
PNEC (Soil)	
PNEC Soil	441 mg/kg dwt
PNEC (oral)	
PNEC oral (secondary poisoning)	6670 mg/kg alimony
PNEC (STP)	
Purification plant	6,5 mg/l

Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts	
DNEL / DMEL (Workers)	
Long-term - systemic effects, cutaneous	= 3,33 mg/kg body weight / day (DNEL)
Long-term - local effects, cutaneous	= 1,03 mg/cm ² (DNEL)
Long-term - systemic effects, inhalation	= 11,75 mg/m ³ (DNEL)
DNEL / DMEL (General population)	
Long-term - systemic effects, oral	= 0,8333 mg/kg body weight / day (DNEL)
Long-term - systemic effects, inhalation	= 2,9 mg/m ³ (DNEL)
Long-term - systemic effects, cutaneous	= 1,667 mg/kg body weight / day (DNEL)
Long-term - local effects, cutaneous	= 0,513 mg/cm ² (DNEL)
PNEC (water)	
PNEC water (fresh water)	1 mg/l
PNEC water (sea water)	1 mg/l
PNEC water (intermittent, fresh water)	10 mg/l
PNEC (oral)	
PNEC oral (secondary poisoning)	16667 mg/kg alimony
PNEC (STP)	
Purification plant	1000 mg/l

8.2. Exposure controls

8.2.1. Appropriate engineering control

The appropriate exposure control measures relate to the identified use(s) of the substance or mixture as referred to in subsection 1.2.

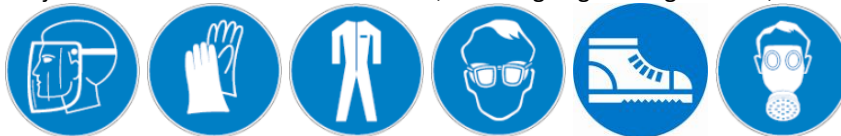
- (a) use in a well-ventilated area
- (b) do not breathe the vapours or mists



8.2.2. Individual protection measures, such as personal protective equipment

8.2.2.1. Personal Protective Equipment

The use of personal protective equipment shall be consistent with good occupational hygiene practices and in conjunction with other control measures, including engineering controls, ventilation and isolation.



8.2.2.2. Equipment that will provide adequate and suitable protection

(a) Eye/face protection

Use goggles or facial shield in case of transfer in different containers or other operations that might cause the risk of eye contact.

(b) Skin protection

(b1) Hand

Wear work gloves made of neoprene, nitrile or PVA (polyvinyl alcohol), preferably felt-lined, resistant to mineral oils or solvents. Gloves should be changed when they show wear, wear them only after proper hand washing. The choice of protective gloves depends also on the conditions of use and must take into account the guidelines and limits set by the manufacturer. If necessary, refer to the UNI-EN 374.

(b2) Other

Use overalls or apron made of appropriate material (overalls must always be outside the safety shoes). Take off immediately all contaminated clothing and wash before reuse. It is advisable to maintain good personal hygiene and clean work clothes. If necessary, refer to the UNI-EN 465/466/467.

Use facial shield in case of transfer in different containers

(c) Respiratory protection

(d) Thermal Hazards

(e) Other

Always observe good personal hygiene measures. Wash your hands after handling the container or the material and before eating, drinking or smoking. Do not clean hands with dirty or greasy clothes. Do not keep dirty rags in pockets. Routinely wash work clothing and protective equipment to remove contaminants. Do not reuse contaminated clothing. Practice good housekeeping.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Characteristics	Measurement Unit	Data	Methods
Appearance		Liquid	Visual examination
Odour		Characteristic	Organoleptic examination
Solubilità in water		Insoluble	
Flash Point	°C	> 220	ASTM D 92
Boiling point/range (@ Atmospheric pressure)	°C	> 200	ASTM D 1160
Auto-ignition temperature	°C	> 300	DIN 51794
Density @15°C	kg/dm ³	< 0.890	ASTM D4052
Kinematic Viscosity @ 100°C	mm ² /s	12.5 – 16.3	ASTM D445
Pour point	°C	< -24	ASTM D97



10. STABILITY AND REACTIVITY

10.1. Reactivity

The mixtures do not react.

10.2. Chemical stability

The product is usually stable @ ambient temperature and pressure.

10.3. Possibility of hazardous reactions

Not foreseen.

10.4. Conditions to avoid

High and very high temperatures.

10.5. Incompatible materials

Strong oxidants.

10.6. Hazardous decomposition products

None.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity	Not classified (Based on available data, the classification criteria are not met) (based on composition)
Skin corrosion / irritation	Not classified (Based on available data, the classification criteria are not met) (based on composition). Possible allergic skin reaction can occur in the constant use of the product without using the appropriate means of protection
Serious eye damage / eye irritation	Not classified (Based on available data, the classification criteria are not met) (based on composition). Possible allergic reaction of the eyes can manifest themselves in the constant use of the product without the use of the necessary means of protection Phosphorodithioic acid, mixed O, O-bis (1,3-dimethylbutyl and iso-Pr) esters, zinc salts SCL> 12.5%. Below this threshold there are no eye damage or irritation
Respiratory or skin sensitization	Not classified (Based on available data, the classification criteria are not met) Benzenesulfonic acid, mono-C16-24-alkyl derivs., Calcium salts Remarks: Category 1B Classification: Skin sensitizer (Read all) May cause sensitization by skin contact.
Germ cell mutagenicity	Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	Not classified (Based on available data, the classification criteria are not met) (based on composition)
Reproductive toxicity	Not classified (Based on available data, the classification criteria are not met) (based on composition) Phenol, dodecyl-, branched Suspected of damaging fertility
Specific target organ toxicity (single exposure)	Not classified (Based on available data, the classification criteria are not met) (based on composition) Phenol, dodecyl-, branched It can be irritating to the respiratory tract and mucous membranes.



Specific target organ toxicity (repeated exposure)	Not classified (Based on available data, the classification criteria are not met) (based on composition) Phenol, dodecyl-, branched This product contains para-dodecylphenol. In rats given high and repeated daily doses of para-dodecylphenol for oral intubation, effects on numerous organs were found, including the adrenal glands, thyroid, liver, ovaries, testes, spinal cord and hematopoiesis.
Aspiration hazard	Not classified (Based on available data, the classification criteria are not met) Viscosity, kinematic:> 20.5 mm ² / s (40 ° C) (ASTM D 445)

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Fish

Mineral oil	LC 50 (Pimephales promelas, 4 d): > 100 mg/l
Phosphorodithioic acid, mixed O,O-bis (1,3-dimethylbutyl and iso-Pr)esters, zinc salts	LC 50 (Trota arcobaleno, 4 d): 4,5 mg/l LC 50 (Cyprinodon variegatus, 4 d): 46 mg/l NOEC (Trota arcobaleno, 4 d): 1,8 mg/l
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts	LC 50 (Pimephales promelas, 4 d): > 1.000 mg/l LC 50 (Cyprinodon variegatus, 4 d): > 10.000 mg/l
Phenol, dodecyl-, branched	LC 50 (Pimephales promelas, 4 d): 40 mg/l
Reaction products of Benzeneamine, N-phenyl- with nonene (branched)	LC 50 (Brachydanio rerio, 4 d): > 100 mg/l

Aquatic invertebrates

Mineral oil	EC50 (Dafnia, 2 d): > 10.000 mg/l EC50 (Dafnia, 21 d): > 10 mg/l NOEC (Dafnia, 21 d): > 10 mg/l
Phosphorodithioic acid, mixed O,O-bis (1,3-dimethylbutyl and iso-Pr)esters, zinc salts	EC50 (Dafnia, 2 d): 23 mg/l NOEC (Dafnia, 2 d): 10 mg/l EC50 (Dafnia, 21 d): > 0,8 mg/l NOEC (Dafnia, 21 d): 0,4 mg/l
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts	EC50 (Dafnia, 2 d): > 1.000 mg/l
Phenol, dodecyl-, branched	EC50 (Dafnia, 2 d): 0,037 mg/l EC50 (Gamberetto (Mysidopsis Bahía), 4 d): > 0,58 mg/l EC50 (Dafnia, 21 d): 0,0079 mg/l NOEC (Dafnia, 21 d): 0,0037 mg/l
Reaction products of Benzeneamine, N-phenyl- with nonene (branched)	EC50 (Dafnia, 2 d): > 100 mg/l

Toxicity to aquatic plants

Mineral oil	EC50 (Alge verdi (Scenedesmus quadricauda), 3 Days): > 100 mg/l
-------------	---



Phosphorodithioic acid, mixed O,O-bis (1,3-dimethylbutyl and iso-Pr)esters, zinc salts	EC50 (Alghe verdi, 3 d): 21 mg/l NOEC (Alghe verdi, 3 d): 10 mg/l
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts	EC50 (Alghe verdi, 4 d): > 1.000 mg/l
Phenol, dodecyl-, branched	EC50 (Alghe verdi, 72 h): 0,36 mg/l
Reaction products of Benzeneamine, N-phenyl- with nonene (branched)	EC50 (Alghe verdi, 3 d): 600 mg/l

Toxicity to organisms living in the soil

No data available

Sediment Toxicity

No data available

Toxicity to terrestrial plants

No data available

Toxicity to superficial organisms

No data available

Toxicity for micro-organisms

Phosphorodithioic acid, mixed O,O-bis (1,3-dimethylbutyl and iso-Pr)esters, zinc salts	EC50 (Fango, 0,1 d): > 10.000 mg/l
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts	EC50 (Fango, 0,1 d): > 10.000 mg/l
Phenol, dodecyl-, branched	EC50 (Fango, 0,1 d): > 1.000 mg/l
Reaction products of Benzeneamine, N-phenyl- with nonene (branched)	EC50 (Fango, 0,1 d): > 1.000 mg/l

12.2. Persistence and degradability

Biodegradation

Mineral oil Generation of carbon dioxide 31% (28 d, OECD TG 301 B)

Phosphorodithioic acid, mixed O, O-bis (1,3-dimethylbutyl and iso-Pr) esters, zinc salts	Carbon dioxide generation 1.5% (28 d, OECD TG 301 B)
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts	Oxygen depletion 8% (28 d, OECD TG 301 D)
Phenol, dodecyl-, branched	Dissolved organic carbon (DOC) 10% (56 d, various) Generation of 25% carbon dioxide (28 d, OECD TG 301 B)
Reaction products of Benzeneamine, N-phenyl- with nonene (branched)	0% carbon dioxide generation (28 d, OECD TG 301 B)

BOD / COD Report

No data available.

12.3. Bioaccumulative potential

Bioconcentration factor (BCF)

Phenol, dodecyl-, branched	Bioconcentration Factor (BCF): 794,33 (Measured)
Reaction products of Benzeneamine, N-phenyl- with nonene (branched)	Bioconcentration Factor (BCF): 1,584,89 (Measured)



Partition coefficient n-octanol / water (log Kow)

Phosphorodithioic acid, mixed O, O-bis (1,3-dimethylbutyl and iso-Pr) esters, zinc salts Log Kow: 0.56 (Measured)

Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts Log Kow: 10.88 (Read all)

Phenol, dodecyl-, branched Log Kow: 7.14 (Measured).

12.4. Mobility in soil

The data are not available.

12.5. Results of PBT and vPvB assessment

Not classified as PBT or vPvB substance.

12.6. Other adverse effects

None.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

(a) Waste treatment containers and methods shall be specified including the appropriate methods of waste treatment of both the substance or mixture and any contaminated packaging (for example, incineration, recycling, landfilling);

(b) Physical/chemical properties that may affect waste treatment options shall be specified;

(c) Sewage disposal shall be discouraged;

(d) Where appropriate, any special precautions for any recommended waste treatment option shall be identified.

14. TRANSPORT INFORMATION

14.1. UN number

ADR/RID Does not belong to any class of danger.

ICAO Does not belong to any class of danger.

IMDG Does not belong to any class of danger.

14.2. UN proper shipping name

ADR/RID Does not belong to any class of danger.

ICAO Does not belong to any class of danger.

IMDG Does not belong to any class of danger.

14.3. Transport hazard class(es)

ADR/RID Does not belong to any class of danger.

ICAO Does not belong to any class of danger.

IMDG Does not belong to any class of danger.

14.4. Packing group

ADR/RID Does not belong to any class of danger.

ICAO Does not belong to any class of danger.

IMDG Does not belong to any class of danger.

14.5. Environmental hazards

ADR/RID Not Applicable

ICAO Not Applicable

IMDG Not Applicable

14.6. Special precautions for user

Re-examine the classification requirements before the shipping of the product @ high temperatures.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not determined.

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National laws on classification and labeling of dangerous substances/preparations

(Adoption of Directive 67/548/CE and subsequent Adaptations to Technical Progress - ATP, and Directive 1999/45/CE).



Relevant national laws on health and safety on the workplace.

National adoption of Directives 89/391/CEE, 89/654/CEE, 89/655/CEE, 89/656/CEE, 90/269/CEE, 90/270/CEE, 90/394/CEE, 90/679/CEE, 93/88/CEE, 95/63/CE, 97/42/CE, 98/24/CE, 99/38/CE, 99/92/CE, 2001/45/CE, 2003/10/CE, 2003/18/CE.

National adoption of Directive 75/439/CEE concerning disposal of used oils.

Relevant national laws on recycling and re-use of waste materials.

Relevant national laws on prevention of water pollution.

16. OTHER INFORMATION'

General

The product has a content in dimetilsolfoxide lower than 3%, determined with the Method IP 346.

According to the EU criteria, they are not classified as carcinogenic (see Directive 94/69/CE, Note "L" - 21th update of the Directive 67/548/CE due to the technical improvements and conforming the Attachment I/A of D.M. 10/04/2000 (XXIV and XXV updating of the directive 67/548/CE)

Hazard Phrases named @ paragraph 3.2 of this MSDS

H304 - May be fatal if swallowed and enters airways

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H318 - Causes serious eye damage

H319 - Causes serious eye irritation

H360 - May damage fertility or the unborn child

H400 - Very toxic to aquatic organisms

H410 - Very toxic to aquatic life with long lasting effects

H411 - Toxic to aquatic life with long lasting effects

H412 - Harmful to aquatic life with long lasting effects

H413 - May be harmful to aquatic life with long lasting effects.

These phrases are reported here for information only, and MAY NOT correspond to the classification of the product.

Conformity

The MSDS meets the requirements of the CE regulation 1907/2006 REACH and CE regulation 453/2010, relating to the issuing of MSDS.

The data and information contained in this MSDS comply with the laws and norms in force. Anyhow, user shall always verify and comply with the national, regional, and local laws and norms, regarding hazardous activities and environmental protection, that are not under the scope of this MSDS.

Notes

Do not use the product for any purposes that have not been advised by the manufacturer. In that case, the user could be exposed to unforeseeable dangers.

If the information of this MSDS describe a potential hazard or an hazardous component, suitable instruction shall be give to users, and all necessary precautions shall be adopted.

Disclaimer

The information in this sheet are written according to our best knowledge at the date of issuing.

This information relates only to the specific product and may not be valid if the product is used in combination with any other material or in any process.

Therefore api anonima petroli italiana S.p.A. will not be responsible for any harm, injury, or loss to the buyer or any other person, deriving from a improper or unforeseen use of the product.

All hazards deriving from the use of the product shall not be charged to api anonima petroli italiana S.p.A., since the using ways are not under the direct control of api anonima petroli italiana S.p.A.

Also, api anonima petroli italiana S.p.A will not be responsible for an unforeseen or improper use of the information contained in this MSDS.

Scope

The information on this MSDS are given to improve health and safety in the workplace. The MSDS shall not be used as assessment of the chemical risk of the workers.



Modification with respect to the previous edition

The MSDS has been compiled according to the Guidelines for the Issuing of the MSDS for Lubricants, issued by the Group of the Lubricant Producers (GAIL)

Date of first issuing/Date of revisione

Product name: **IP Tarus Turbo Extra 15W/40**

Date of first issuing: : December 2014

Date of revision: March 2018

Revision number: 1